

RAW SEQUENCE LISTING DATE: 12/11/2000
 PATENT APPLICATION: US/09/472,691A TIME: 19:56:10

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\12112000\I472691A.raw

```

5 <110> APPLICANT: Hermiston, Terry
7   Nye, Julie
11 <120> TITLE OF INVENTION: Adenovirus ElB Shuttle Vectors
15 <130> FILE REFERENCE: 1022-US
19 <140> CURRENT APPLICATION NUMBER: 09/472,691A
21 <141> CURRENT FILING DATE: 1999-12-27
25 <150> PRIOR APPLICATION NUMBER: 60/117,814
27 <151> PRIOR FILING DATE: 1999-01-28
31 <150> PRIOR APPLICATION NUMBER: 60/157,288
33 <151> PRIOR FILING DATE: 1999-10-01
37 <160> NUMBER OF SEQ ID NOS: 12
41 <170> SOFTWARE: PatentIn Ver. 2.0
45 <210> SEQ ID NO: 1
47 <211> LENGTH: 27
49 <212> TYPE: DNA
51 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
55 <400> SEQUENCE: 1
57 ggggggtacc tgctggattt tctggcc                27
61 <210> SEQ ID NO: 2
63 <211> LENGTH: 54
65 <212> TYPE: DNA
67 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
71 <400> SEQUENCE: 2
73 tattctttcc cacccttaag ccacgcccac acatttcagt accagatctg tatc    54
77 <210> SEQ ID NO: 3
79 <211> LENGTH: 45
81 <212> TYPE: DNA
83 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
87 <400> SEQUENCE: 3
89 gttttataaa ggataagtgg agtgaagaaa cccatctgag cgggg                45
93 <210> SEQ ID NO: 4
95 <211> LENGTH: 45
97 <212> TYPE: DNA
99 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
103 <400> SEQUENCE: 4
105 ccccgctcag atgggtttct tcactccact taccctttat aaaac              45
109 <210> SEQ ID NO: 5
111 <211> LENGTH: 72
113 <212> TYPE: DNA
115 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
119 <400> SEQUENCE: 5
121 gagcccttg gaaccggaga gccggcctgg accctcgga atgaattttg tacaggatcc 60
123 tgaactgtat cc                                                    72
127 <210> SEQ ID NO: 6
129 <211> LENGTH: 71
131 <212> TYPE: DNA
133 <213> ORGANISM: Oligonucleotide Primer for Adenovirus

```

RAW SEQUENCE LISTING DATE: 12/11/2000
 PATENT APPLICATION: US/09/472,691A TIME: 19:56:10

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\12112000\I472691A.raw

```

137 <400> SEQUENCE: 6
139 ggatacagtt caggatcctg tacaaaattc attcccagagg gtccaggccg gctctcgggt 60
141 tccaagggct c 71
145 <210> SEQ ID NO: 7
147 <211> LENGTH: 27
149 <212> TYPE: DNA
151 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
155 <400> SEQUENCE: 7
157 ccgctctaga gaatgcaata gtagtac 27
161 <210> SEQ ID NO: 8
163 <211> LENGTH: 54
165 <212> TYPE: DNA
167 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
171 <400> SEQUENCE: 8
173 tattctttcc cacccttaag ccacgccac acatttcagt accagatctg tatic 54
177 <210> SEQ ID NO: 9
179 <211> LENGTH: 61
181 <212> TYPE: DNA
183 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
187 <400> SEQUENCE: 9
189 cccaatgcga tttaaatcat aaataaaaaa ccagactctg ttggatttg gatcaagcaa 60
191 g 61
195 <210> SEQ ID NO: 10
197 <211> LENGTH: 69
199 <212> TYPE: DNA
201 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
205 <400> SEQUENCE: 10
207 gcaagacact tgcctgatcc aaatccaaac agagtctggt tttttattat agatttaa 60
209 cgcattggg 69
213 <210> SEQ ID NO: 11
215 <211> LENGTH: 37
217 <212> TYPE: DNA
219 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
223 <400> SEQUENCE: 11
225 gcgcggatcc gtggaggcta acaatgtcga ataacgc 37
229 <210> SEQ ID NO: 12
231 <211> LENGTH: 36
233 <212> TYPE: DNA
235 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
239 <400> SEQUENCE: 12
241 gtgagcattt aaatcagtcg ttcaacgttt gtaatc 36

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/472,691A

DATE: 12/11/2000

TIME: 19:56:11

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12112000\I472691A.raw

RECEIVED

DEC 13 2000

TECH CENTER 1600/2900

1633

RAW SEQUENCE LISTING DATE: 12/01/2000
 PATENT APPLICATION: US/09/472,691A TIME: 09:32:44

Input Set : A:\1022-SEQ.APP.txt
 Output Set: N:\CRF3\12012000\I472691A.raw

*Does Not Comply
 Corrected Diskette Needed*

5 <110> APPLICANT: Hermiston, Terry
 7 Nye, Julie
 11 <120> TITLE OF INVENTION: Adenovirus E1B Shuttle Vectors
 15 <130> FILE REFERENCE: 1022-US
 19 <140> CURRENT APPLICATION NUMBER: 09/472,691A
 21 <141> CURRENT FILING DATE: 1999-12-27
 25 <150> PRIOR APPLICATION NUMBER: 60/117,814
 27 <151> PRIOR FILING DATE: 1999-01-28
 31 <150> PRIOR APPLICATION NUMBER: 60/157,288
 33 <151> PRIOR FILING DATE: 1999-10-01
 37 <160> NUMBER OF SEQ ID NOS: 12
 41 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

229 <210> SEQ ID NO: 12
 231 <211> LENGTH: 36
 233 <212> TYPE: DNA
 235 <213> ORGANISM: Oligonucleotide Primer for Adenovirus
 239 <400> SEQUENCE: 12
 241 gtagcattt aaatcagtcg ttcaacgttt gtaatc

36

E--> 247 1
 E--> 250 1

VERIFICATION SUMMARY

DATE: 12/01/2000

PATENT APPLICATION: US/09/472,691A

TIME: 09:32:45

Input Set : A:\1022-SEQ.APP.txt

Output Set: N:\CRF3\12012000\I472691A.raw

L:247 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:12
M:254 Repeated in SeqNo=12